| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|---|--|------------------|
| 9 | 395728 | acrylamide or acrylic adj acid or | USPAT; | 2004/07/20 10:18 |
| | | methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl | US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 10 | 52381 | adj acrylate polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 06:56 |
| 11 | 2906 | "(poly)methacrylic acid" (427/412.1 427/407.1).ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/07/20 06:07 |
| 12 | 1234 | 427/164.ccls. | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:07 |
| 13 | 231 | 427/443.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:07 |
| 14 | 1633 | (351/159 351/160R).ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:07 |
| 15 | 5779 | (428/447 428/451 428/5125).ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:07 |
| 16 | 46243 | contact adj lens or ophthalmic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:07 |
| 31 | 0 | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid")) and 427/443.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 06:54 |

| | 1 | | T | 1 |
|-----|-----|--|-----------|------------------|
| 33 | 144 | ((acrylamide or acrylic adj acid or | USPAT; | 2004/07/20 06:10 |
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM_TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| 1 | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | 1 | |
| 1 | | "(poly)methacrylic acid")) and ((428/447 | | |
| | + | 428/451 428/5125).ccls.) | | |
| 36 | 0 | (((acrylamide or acrylic adj acid or | USPAT; | 2004/07/20 06:10 |
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) or "(poly)allylamine | | |
| | 1 | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and | | |
| | | 427/443.ccls.) and (contact adj lens or | | |
| | | ophthalmic) | | |
| 37 | 23 | (((acrylamide or acrylic adj acid or | USPAT; | 2004/07/20 06:10 |
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM_TDB | |
| | • | n-vinylpyrrolidone or n,n-dimethylaminoethyl | | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) " or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | į | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and ((351/159 | | |
| | | 351/160R).ccls.)) and (contact adj lens or | | |
| 3.0 | 1 | ophthalmic) | | |
| 38 | 12 | (((acrylamide or acrylic adj acid or | USPAT; | 2004/07/20 06:10 |
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM_TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and ((428/447 | | |
| | | 428/451 428/5125).ccls.)) and (contact adj | | |
| | | lens or ophthalmic) | | |
| | | | L | L |

| 39 | 41 | ((((acrylamide or acrylic ad) acid or | USPAT; | 2004/07/20 06:30 |
|---------------------|--------------|---|---------------------|------------------|
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or | DERWENT; IBM TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | 12.1_122 | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) " or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | <pre>"poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj</pre> | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and ((427/412.1 | | |
| | | 427/407.1).ccls.)) and (contact adj lens or | | |
| | | ophthalmic)) or ((((acrylamide or acrylic adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl | | |
| | | ajd methacrylate or methacrylamide or | | |
| | | n,n-dimethylacrylamide or allylalcohol or | | |
| | | allyl adj alcohol or n-vinylpyrrolidone or | | |
| | | n,n-dimethylaminoethyl adj acrylate) and | | |
| | | (polyallylamine adj hydrochloride or poly(allylamine hydrochloride)" or | | |
| | | "(poly)allylamine hydrochloride" or | | |
| | | polyethyleneimine or "poly(ethyleneimine)" | • | |
| | | or "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or "(poly)methacrylic acid")) and | | |
| | | 427/164.ccls.) and (contact adj lens or | | |
| | | ophthalmic)) or (((acrylamide or acrylic | | |
| | | adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl | | |
| | | ajd methacrylate or methacrylamide or | | |
| | | n,n-dimethylacrylamide or allylalcohol or | | |
| | | allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and | | |
| | | (polyallylamine adj hydrochloride or | | |
| | | "poly(allylamine hydrochloride)" or | | |
| | | "(poly)allylamine hydrochloride" or | | |
| | - | polyethyleneimine or "poly(ethyleneimine)" | | |
| | | or "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and | | |
| | | 427/443.ccls.) and (contact adj lens or | | |
| | | ophthalmic)) or ((((acrylamide or acrylic | | |
| | | adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or | | |
| | | n,n-dimethylacrylamide or allylalcohol or | | |
| | | allyl adj alcohol or n-vinylpyrrolidone or | | |
| | | n,n-dimethylaminoethyl adj acrylate) and | | |
| | | (polyallylamine adj hydrochloride or | | |
| | | "poly(allylamine hydrochloride)" or | | |
| | | <pre>"(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)"</pre> | | |
| | | or "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and ((351/159 | | |
| | | 351/160R).ccls.)) and (contact adj lens or | | |
| | | ophthalmic)) or ((((acrylamide or acrylic adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl | | |
| | | ajd methacrylate or methacrylamide or | | |
| Search His | tory 7 | allyl adj alcohol or n-vinylpyrrolidone or | - | |
| | gt\worken | ਕਿੱਪਿੱਧੀ ਕਿੱਧੀ ਕੈਟਿੰਨਮਿੰਹੀ or n-Vinylpyrrolidone or ਜੇਸ਼-ਅੰਗੀਆਈ ਸ਼੍ਰੀ ਕੁਸ਼ਜ਼ਿਸ਼ਨਿoethyl adj acrylate) and | | |
| · · / V D D C / V - | 10 L \WULKSD | ture or ture that the least of the land | i . | 1 |

| 40 | 59 | ("6713524" "6465056" "6521352" "6447920" | USPAT; | 2004/07/20 09:41 |
|----|-------|--|-----------|------------------|
| | | "6586038" "6468667" "6436481" "5965631" | US-PGPUB; | |
| | Į. | "6169127" "6087412" "6099122" "6589665" | EPO; JPO; | |
| İ | | "6719929" "6759388" "6162844" "6149842" | DERWENT; | |
| | | "6149692" "6300443" "6197906" "6734321" | IBM_TDB | |
| | | "6730366" "6555103" "6582754" "6299787" | | |
| | | "5965631" "5789461" "5796999" "5849811" | | |
| | | "6623747" "5760100" "5248620").pn. | | |
| 43 | 253 | polyallylamine adj hydrochloride or | USPAT; | 2004/07/20 06:50 |
| | | "poly(allylamine hydrochloride)" or | US-PGPUB; | |
| • | | "(poly)allylamine hydrochloride" | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM TDB | |
| 44 | 18 | (contact adj lens or ophthalmic) and | USPAT; | 2004/07/20 06:33 |
| | | (polyallylamine adj hydrochloride or | US-PGPUB; | |
| | | "poly(allylamine hydrochloride)" or | EPO; JPO; | |
| | | "(poly)allylamine hydrochloride") | DERWENT; | |
| | | | IBM_TDB | |
| 45 | 38874 | polyacrylic adj acid or "(poly)acrylic acid" | USPAT; | 2004/07/20 10:17 |
| | | or "poly(acrylic acid)" | US-PGPUB; | |
| | | | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |
| 46 | 68 | (polyallylamine adj hydrochloride or | USPAT; | 2004/07/20 06:46 |
| | | "poly(allylamine hydrochloride)" or | US-PGPUB; | |
| | | "(poly)allylamine hydrochloride") and | EPO; JPO; | |
| | | (polyacrylic adj acid or "(poly)acrylic | DERWENT; | |
| | | acid" or "poly(acrylic acid)") | IBM_TDB | |
| 47 | 12 | ((polyallylamine adj hydrochloride or | USPAT; | 2004/07/20 06:47 |
| | | "poly(allylamine hydrochloride)" or | US-PGPUB; | |
| | | "(poly)allylamine hydrochloride") and | EPO; JPO; | |
| | | (polyacrylic adj acid or "(poly)acrylic | DERWENT; | |
| | | acid" or "poly(acrylic acid)")) and | IBM_TDB | |
| | | (contact adj lens or ophthalmic) | | |

| 48 | 308 | (((acrylamide or acrylic adj acid or | USPAT; | 2004/07/20 06:51 |
|--------------|----------|---|--------------|------------------|
| 10 | 200 | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | 2004/07/20 06:51 |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) " or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and ((427/412.1 | | |
| | | 427/407.1).ccls.)) or (((acrylamide or | | |
| | | acrylic adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl | | |
| | | ajd methacrylate or methacrylamide or | | |
| | | n,n-dimethylacrylamide or allylalcohol or | | |
| | | allyl adj alcohol or n-vinylpyrrolidone or | | |
| | | n,n-dimethylaminoethyl adj acrylate) and | | |
| | | (polyallylamine adj hydrochloride or | | |
| | | "poly(allylamine hydrochloride)" or | | |
| | | "(poly)allylamine hydrochloride" or | | |
| | | polyethyleneimine or "poly(ethyleneimine)" | | |
| | | or "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| İ | | "poly(acrylic acid)" or polymethacrylic adj | | |
| ŀ | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and | | |
| | | 427/164.ccls.) or (((acrylamide or acrylic | | |
| | | adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl | | |
| | | ajd methacrylate or methacrylamide or | | |
| | | n,n-dimethylacrylamide or allylalcohol or | | |
| | | allyl adj alcohol or n-vinylpyrrolidone or | | |
| | | n,n-dimethylaminoethyl adj acrylate) and | | |
| | | (polyallylamine adj hydrochloride or | | |
| - | | "poly(allylamine hydrochloride)" or | | |
| | İ | "(poly)allylamine hydrochloride" or | | |
| | | polyethyleneimine or "poly(ethyleneimine)" | | |
| | | or "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and | | |
| | | 427/443.ccls.) or (((acrylamide or acrylic | | |
| | | adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl | | |
| | | ajd methacrylate or methacrylamide or | | |
| | | n,n-dimethylacrylamide or allylalcohol or | | |
| | | allyl adj alcohol or n-vinylpyrrolidone or | | |
| | | n,n-dimethylaminoethyl adj acrylate) and | | |
| | | (polyallylamine adj hydrochloride or | | |
| | | "poly(allylamine hydrochloride)" or | | |
| | | "(poly)allylamine hydrochloride" or | | |
| | | polyethyleneimine or "poly(ethyleneimine)" | | |
| | | or "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid")) and ((351/159 | | |
| | | 351/160R).ccls.)) or (((acrylamide or | | |
| | | acrylic adj acid or methacrylic adj acid or | | |
| | | hydroxyethyl adj acrylate or hydroxyethyl | | |
| | | ajd methacrylate or methacrylamide or | | |
| | | n,n-dimethylacrylamide or allylalcohol or | | |
| | | allyl adj alcohol or n-vinylpyrrolidone or | | |
| | | n,n-dimethylaminoethyl adj acrylate) and | | |
| | | (polyallylamine adj hydrochloride or | | |
| earch Histo | rv 7 | -"poly (allylamine hydrochloride)" or | | |
| 1 | // Y | "poly (allylamine hydrochloride)" or "(poly) allylamine hydrochloride" or | | |
| : \APPS\east | .workspa | polyellyleheimine or "poly(ethyleneimine)" | ! | |
| , | 1 | or "(poly)ethyleneimine" or polyacrylic adj | l . | |

| 30 | 22 | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "poly(methacrylic acid)" or "(poly)methacrylic acid")) and 427/164.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 06:51 |
|----|-------|---|---|------------------|
| 49 | 15 | polyionic adj layer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:57 |
| 50 | 6322 | hydrophilic adj monomer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:57 |
| 51 | 3 | (polyionic adj layer) and (hydrophilic adj monomer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 06:57 |
| 29 | 133 | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid")) and ((427/412.1 427/407.1).ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 07:34 |
| 52 | 475 | polycationic near10 polyanionic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 07:35 |
| 53 | 51 | (polycationic near10 polyanionic) and (contact adj lens or ophthalmic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 09:24 |
| 54 | 194 | (polycationic near10 polyanionic) and monomer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 08:34 |
| 55 | 11065 | polyelectrolyte | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 08:35 |

| 0 | 427/164.ccls. and (polycationic near10 polyanionic) | USPAT; US-PGPUB; | 2004/07/20 08:36 |
|----|---|--|---|
| | | DERWENT; | |
| 0 | 427/443.ccls. and (polycationic near10 polyanionic) | USPĀT; US-PGPUB; | 2004/07/20 08:36 |
| | | EPO; JPO; DERWENT; | |
| 3 | ((428/447 428/451 428/5125).ccls.) and | USPAT; | 2004/07/20 08:36 |
| | (polycationic nearly polyanionic) | EPO; JPO; | |
| 1 | ((351/159 351/160R).ccls.) and | IBM_TDB | 2004/07/20 08:37 |
| _ | (polycationic near10 polyanionic) | US-PGPUB; | 2004/07/20 00:37 |
| | | DERWENT; IBM TDB | |
| 1 | ((427/412.1 427/407.1).ccls.) and (polycationic near10 polyanionic) | USPAT; US-PGPUB; | 2004/07/20 08:37 |
| | | DERWENT; | |
| 31 | | USPAT; | 2004/07/20 08:38 |
| | polycicciolyce | EPO; JPO; | |
| 3 | 427/164.ccls. and polyelectrolyte | IBM_TDB USPAT; | 2004/07/20 08:52 |
| | | US-PGPUB; EPO; JPO; | |
| 1 | 427/442 gala and polyploat volute | IBM_TDB | 2004/07/20 00:50 |
| 1 | 42//443.ccis. and polyelectrolyte | US-PGPUB; | 2004/07/20 08:59 |
| | | DERWENT; IBM TDB | |
| 14 | ((351/159 351/160R).ccls.) and polyelectrolyte | USPAT; US-PGPUB; | 2004/07/20 08:59 |
| | | DERWENT; | |
| 21 | ((428/447 428/451 428/5125).ccls.) and | USPAT; | 2004/07/20 09:13 |
| | polyciccionyte | EPO; JPO; | |
| 23 | ((acrylamide or acrylic adj acid or | IBM_TDB USPAT; | 2004/07/20 09:17 |
| | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | allylalcohol or allyl adj alcohol or | IBM_TDB | |
| | adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine | | |
| | hydrochloride) or "(poly)allylamine hydrochloride" or polyethyleneimine or | | |
| | "(poly)ethyleneimine" or polyacrylic adj | | |
| | "poly(acrylic acid)" or polymethacrylic adj | | |
| | "(poly)methacrylic acid")) and ((351/159 351/160R).ccls.) | | |
| | 0 3 1 31 3 1 14 | polyanionic) d 427/443.ccls. and (polycationic near10 polyanionic) ((428/447 428/451 428/5125).ccls.) and (polycationic near10 polyanionic) ((351/159 351/160R).ccls.) and (polycationic near10 polyanionic) ((427/412.1 427/407.1).ccls.) and (polycationic near10 polyanionic) ((427/412.1 427/407.1).ccls.) and polyelectrolyte 427/164.ccls. and polyelectrolyte 427/164.ccls. and polyelectrolyte ((351/159 351/160R).ccls.) and polyelectrolyte ((428/447 428/451 428/5125).ccls.) and polyelectrolyte ((427/412.1 427/407.1).ccls.) and polyelectrolyte ((427/412.1 427/407.1).ccls.) and polyelectrolyte ((351/159 351/160R).ccls.) and polyelectrolyte ((351/159 351/160R).ccls.) and polyelectrolyte ((427/412.1 427/407.1).ccls.) and polyelectrolyte ((351/159 351/160R).ccls.) and polyelectrolyte ((351/159 351/160R).cc | polyanionic) ### 27/443.ccls. and (polycationic near10 |

| | · · · · · · · · · · · · · · · · · · · | | | 2004/07/20 09:17 |
|----|---------------------------------------|---|---|-------------------|
| 34 | 4 | (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and ((427/412.1 427/407.1).ccls.)) and (contact adj lens or ophthalmic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004) 07/20 03:17 |
| 66 | 2 | wo-9620919-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 09:25 |
| 67 | 2 | ("6589665").pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 09:41 |
| 68 | 2 | "00111526" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 09:42 |
| 35 | 9 | (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid")) and 427/164.ccls.) and (contact adj lens or ophthalmic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:16 |
| 69 | 815 | (427/2.12 427/2.13 427/2.24).ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 10:17 |
| 73 | 32902 | (acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(methacrylic acid)" or "(poly)methacrylic acid") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:19 |

| 71 | 3 | ((427/2.12 427/2.13 427/2.24).ccls.) and ((polyallylamine adj hydrochloride or | USPAT; US-PGPUB; | 2004/07/20 10:19 |
|----|--------|--|------------------------|------------------|
| | | "poly(allylamine hydrochloride)" or | EPO; JPO; | |
| | | "(poly)allylamine hydrochloride") and | DERWENT; | |
| | | (polyacrylic adj acid or "(poly)acrylic | IBM_TDB | |
| | | <pre>acid" or "poly(acrylic acid)"))</pre> | | 0004/05/00 10 01 |
| 70 | 23 | ((427/2.12 427/2.13 427/2.24).ccls.) and | USPAT; | 2004/07/20 10:21 |
| | | ((polycationic near10 polyanionic) or | US-PGPUB; | |
| | | polyelectrolyte) | EPO; JPO; DERWENT; | |
| | | | IBM TDB | |
| 74 | 75 | ((427/2.12 427/2.13 427/2.24).ccls.) and | USPAT; | 2004/07/20 10:26 |
| | | ((acrylamide or acrylic adj acid or | US-PGPUB; | |
| | | methacrylic adj acid or hydroxyethyl adj | EPO; JPO; | |
| | : | acrylate or hydroxyethyl ajd methacrylate or | DERWENT; | |
| | | methacrylamide or n,n-dimethylacrylamide or | IBM_TDB | |
| | | allylalcohol or allyl adj alcohol or | | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) " or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | <pre>"poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or</pre> | | |
| | | "(poly)methacrylic acid")) | | |
| 75 | 66 | ((((427/2.12 427/2.13 427/2.24).ccls.)) and | USPAT; | 2004/07/20 10:26 |
| ' | | ((acrylamide or acrylic adj acid or | US-PGPUB; | , , |
| | | methacrylic adj acid or hydroxyethyl adj | EPO; JPO; | |
| | | acrylate or hydroxyethyl ajd methacrylate or | DERWENT; | |
| | | methacrylamide or n,n-dimethylacrylamide or | IBM_TDB | |
| | | allylalcohol or allyl adj alcohol or | | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine adj | | |
| 1 | | hydrochloride) " or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | <pre>"poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or</pre> | | |
| | | "(poly)methacrylic acid"))) or (((427/2.12 | | |
| | | 427/2.13 427/2.24).ccls.) and ((polycationic | | |
| | | near10 polyanionic) or polyelectrolyte))) | | |
| | | not (((427/2.12 427/2.13 427/2.24).ccls.) | | |
| | | and ((polycationic near10 polyanionic) or | | |
| | 205525 | polyelectrolyte)) | HODAM | 2004/07/20 25 27 |
| _ | 395587 | acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj | USPAT; US-PGPUB; | 2004/07/20 06:07 |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM_TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | _ | |
| | | adj acrylate | | |
| - | 52358 | polyallylamine adj hydrochloride or | USPAT; | 2004/07/20 06:07 |
| | | <pre>"poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or</pre> | US-PGPUB; | |
| | | "(poly)allylamine nydrochloride" or polyethyleneimine or "poly(ethyleneimine)" | EPO; JPO; DERWENT; | |
| | | or "(poly)ethyleneimine" or polyacrylic adj | IBM TDB | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid" | | |
| - | 2904 | (427/412.1 427/407.1).ccls. | USPAT; | 2004/07/20 06:07 |
| | | | US-PGPUB; EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM TDB | |
| L | 1 | L | _ · · · · - | J |

| - | 1234 | 427/164.ccls. | USPAT; US-PGPUB; | 2004/07/20 06:07 |
|---|------|--|------------------------|------------------|
| | | | EPO; JPO; | |
| | | | DERWENT; IBM TDB | |
| _ | 231 | 427/443.ccls. | USPAT; | 2004/07/20 06:07 |
| | | | US-PGPUB; | |
| | | | EPO; JPO; DERWENT; | |
| | | | IBM_TDB | |
| - | 1633 | (351/159 351/160R).ccls. | USPAT; | 2004/07/20 06:07 |
| | | | US-PGPUB; EPO; JPO; | |
| | | | DERWENT; | |
| | 5550 | /420/447 420/451 420/5125) 557 | IBM_TDB | 2004/07/20 06:07 |
| _ | 5779 | (428/447 428/451 428/5125).ccls. | USPAT; US-PGPUB; | 2004/07/20 06:07 |
| | | | EPO; JPO; | |
| İ | | | DERWENT; | |
| _ | 133 | (acrylamide or acrylic adj acid or | IBM_TDB USPAT; | 2004/07/19 15:21 |
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or | DERWENT; IBM TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | _ | |
| | | adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine | | |
| | | hydrochloride) " or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and ((427/412.1 | | |
| | | 427/407.1).ccls.) | | |
| - | 22 | | USPAT; | 2004/07/19 15:21 |
| | | methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or | US-PGPUB; EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM_TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid") and 427/164.ccls. | | 000115=1== |
| _ | 0 | (acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj | USPAT; US-PGPUB; | 2004/07/19 15:21 |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl | IBM_TDB | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) or "(poly)allylamine hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid") and 427/443.ccls. | 1 | |

| | | | | 1 1 |
|---|-------|--|---|------------------|
| | 23 | (acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and ((351/159 351/160R).ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 15:21 |
| - | 144 | (acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid") and ((428/447 428/451 428/5125).ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 15:21 |
| | 46221 | contact adj lens or ophthalmic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/20 06:07 |
| | 0 | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and 427/443.ccls.) and (contact adj lens or ophthalmic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 06:03 |

| | 4 | ((acrylamide or acrylic adj acid or | USPAT; | 2004/07/19 15:23 |
|---|---|--|-----------|--------------------|
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | 2001, 0., 25 13.25 |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | 1511_155 | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid") and ((427/412.1 | | |
| | | 427/407.1).ccls.)) and (contact adj lens or | | |
| | | ophthalmic) | | |
| _ | 9 | ((acrylamide or acrylic adj acid or | USPAT; | 2004/07/19 15:30 |
| | | methacrylic adj acid or hydroxyethyl adj | US-PGPUB; | 2001, 07, 13 13.30 |
| | | acrylate or hydroxyethyl ajd methacrylate or | EPO; JPO; | |
| | | methacrylamide or n,n-dimethylacrylamide or | DERWENT; | |
| | | allylalcohol or allyl adj alcohol or | IBM TDB | |
| | | n-vinylpyrrolidone or n,n-dimethylaminoethyl | ***- | |
| | | adj acrylate) and (polyallylamine adj | | |
| | | hydrochloride or "poly(allylamine | | |
| | | hydrochloride) " or "(poly)allylamine | | |
| | | hydrochloride" or polyethyleneimine or | | |
| | | "poly(ethyleneimine)" or | | |
| | | "(poly)ethyleneimine" or polyacrylic adj | | |
| | | acid or "(poly)acrylic acid" or | | |
| | | "poly(acrylic acid)" or polymethacrylic adj | | |
| | | acid or "poly(methacrylic acid)" or | | |
| | | "(poly)methacrylic acid") and | | |
| | | 427/164.ccls.) and (contact adj lens or | | |
| | | ophthalmic) | | |